



# Indiana State Department of Health

## WEEKLY INFLUENZA REPORT

*Data as of Wednesday, December 17, 2014*

The following report is meant to provide local health departments, hospital administrators, health professionals and residents with a general understanding of the burden of influenza-like illness (ILI). Data from several surveillance programs were utilized to produce this report and all information is provisional. ***Data may change as information is received, reviewed and verified. The purpose of this report is to report in a timely manner what is occurring or has recently occurred.*** For further information about the data presented in this report, please call the ISDH Surveillance and Investigation Division at 317-233-7125.

Data Summary for Week Ending December 13, 2014 (Week 50)	
Percent of ILI reported by emergency department surveillance system	3.01%
Percent of ILI reported by sentinel surveillance system	5.80%
Number of specimens submitted for influenza testing at ISDH Laboratory	166
Percent of positive influenza specimens tested at ISDH Laboratory	81.33%
Number of influenza-associated deaths reported for this reporting week	1
Number of influenza-associated deaths reported for 2014-2015 season	2
Number of Indiana schools (K-12) with absenteeism rate 20% or higher	3

### Sentinel reported influenza-like illness by sentinel type and reporting week with number of reporting sites – Indiana, 2014-2015 season.\*

Reporting Week	All Reporters %ILI (n)	Universities %ILI (n)	Non-Universities %ILI (n)
Week 50	5.80 (33)	5.93 (11)	5.76 (22)
Week 49	3.45 (39)	2.46 (13)	3.79 (26)
Week 48	2.31 (38)	1.98 (13)	2.42 (25)

***\*Data obtained from the ISDH Sentinel Influenza Surveillance System. This data is subject to change as sentinel sites can back-date their weekly reports.***

**Sentinel reported influenza-like illness (ILI) by age category for Week 50 –  
Indiana, 2014-2015.**

Age category (yrs)	Total number with ILI	Percent with ILI
0–4	70	13.65
5 –24	317	61.79
25–49	73	14.23
50–64	35	6.82
65+	18	3.51
<b>Total</b>	<b>513</b>	<b>100%</b>

*\*Data obtained from the ISDH Sentinel Influenza Surveillance System.*

*\*Sentinel data has limited timeliness, so the data reported is for the week before the most current week. This data is subject to change as sentinel sites can back-date their weekly reports.*

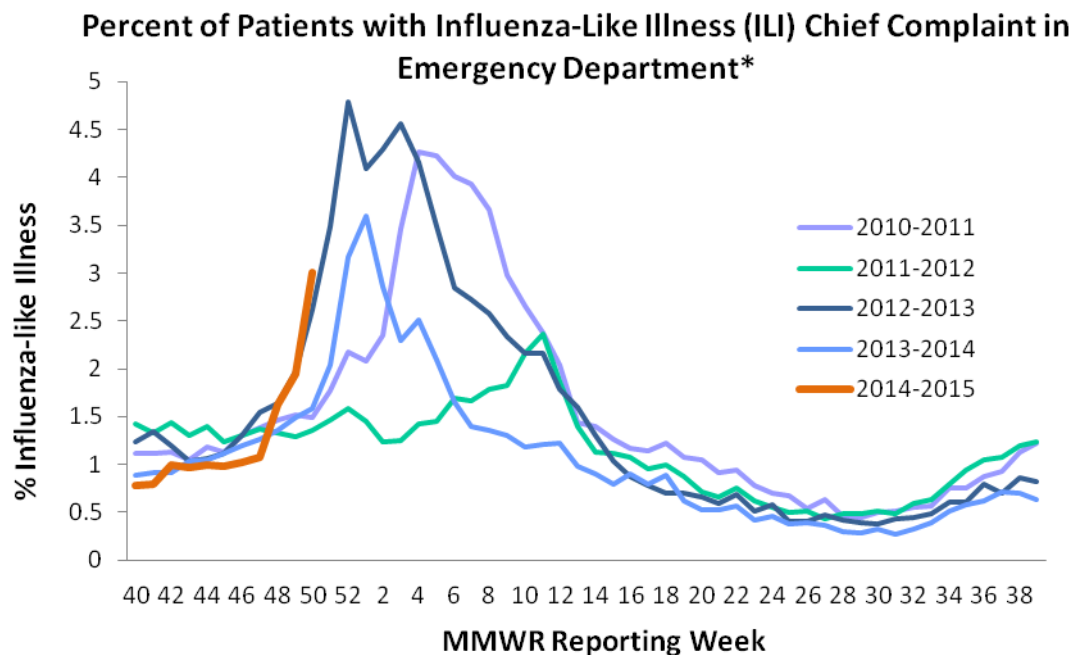
**Number of 2014-2015 reported deaths associated with laboratory  
confirmed influenza, by age category – Indiana, 2014-2015**

	Age category (yrs)	Week 50 Total	Season Total
<b>Number of deaths associated with influenza</b>	0-4	0	0
	5-18	0	0
	19-24	0	0
	25-49	0	0
	50-64	0	0
	65+	1	2
	Unknown	0	0
	<b>Total</b>	<b>1</b>	<b>2</b>

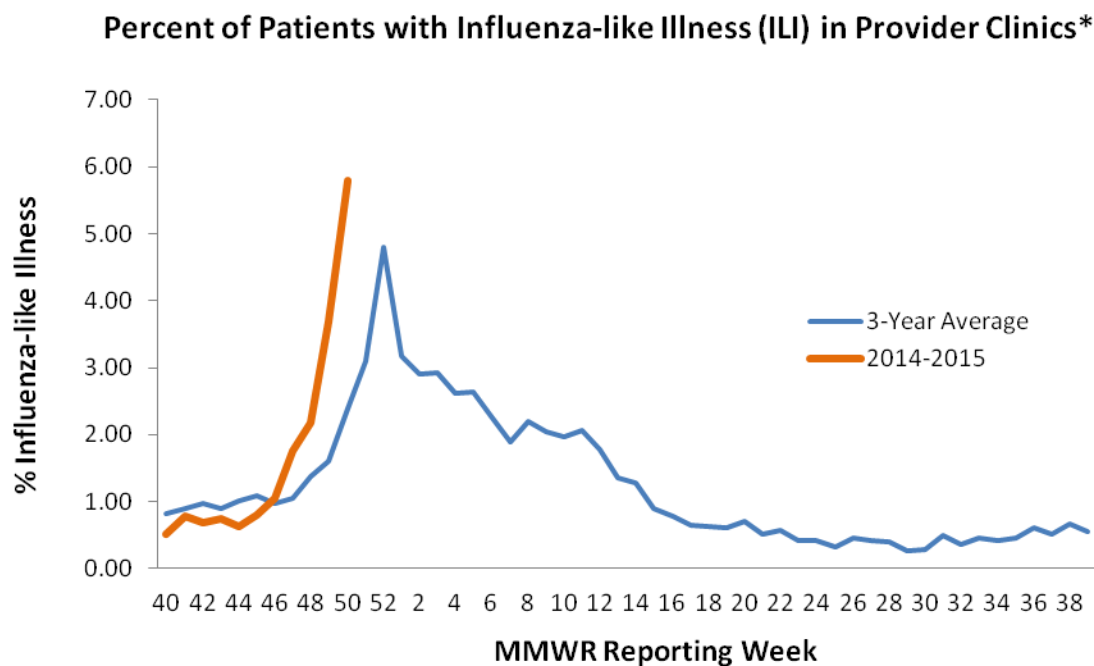
*This data is subject to change as information is updated, revised or corrected.*

**Sentinel and ED influenza-like illness percentages by reporting week – Indiana, 2014-2015.**

Reporting Week	ED Surveillance %ILI	Sentinel Surveillance %ILI
Week 50	3.01	5.80
Week 49	1.94	3.45
Week 48	1.62	2.31



*\*Data obtained from the Indiana Public Health Emergency Surveillance System.  
Number of sites reporting as of 12/17/14 = 114*



*\*Data obtained from the ISDH Sentinel Influenza Surveillance System.  
Number of sites reporting as of 12/17/14 = 33*

*ISDH Laboratory data regarding circulating influenza viruses – Indiana, 2014-2015.\**

<b>PCR Result</b>	<b>Week 50 Total</b>		<b>2014 Total</b>	
	<b>Number</b>	<b>Percent of specimens received</b>	<b>Number</b>	<b>Percent of specimens received</b>
<i>2009 A/H1N1pdm virus</i>	<i>0</i>	<i>0%</i>	<i>0</i>	<i>0%</i>
<i>Influenza A/H3 seasonal virus</i>	<i>133</i>	<i>80.1%</i>	<i>285</i>	<i>67.2%</i>
<i>Influenza A/H1 seasonal virus</i>	<i>0</i>	<i>0%</i>	<i>0</i>	<i>0%</i>
<i>Influenza B seasonal virus</i>	<i>2</i>	<i>1.2%</i>	<i>6</i>	<i>1.4%</i>
<i>Influenza negative</i>	<i>31</i>	<i>18.7%</i>	<i>112</i>	<i>26.4%</i>
<i>Inconclusive</i>	<i>0</i>	<i>0%</i>	<i>0</i>	<i>0%</i>
<i>Unsatisfactory specimen†</i>	<i>0</i>	<i>0%</i>	<i>21</i>	<i>5.0%</i>
<i>Influenza Co-infection<sup>Δ</sup></i>	<i>0</i>	<i>0%</i>	<i>0</i>	<i>0%</i>
<b>Total</b>	<b>166</b>	<b>100%</b>	<b>424</b>	<b>100%</b>

*Δ All previous-year co-infections have been influenza A/H3 and influenza B.*

*\*Data obtained from the ISDH Laboratory via specimens submitted from the ISDH Sentinel Influenza Surveillance System and IN Sentinel Laboratories.*

*†Unsatisfactory specimens include specimens that leaked in transit, were too long in transit, or were inappropriately labeled.*

**OTHER CIRCULATING VIRUSES RECENTLY IDENTIFIED BY THE ISDH LABORATORY:**

<b>Other Respiratory Viruses</b>	<b>Week 50 Total</b>	<b>2014 Total (Since Oct. 1, 2014)</b>	<b>Early Surveillance (Sept 1-30, 2014)</b>
<i>Adenovirus</i>	<i>0</i>	<i>0</i>	<i>0</i>
<i>Coronavirus 229E</i>	<i>0</i>	<i>0</i>	<i>0</i>
<i>Coronavirus HKU1</i>	<i>0</i>	<i>0</i>	<i>0</i>
<i>Coronavirus NL63</i>	<i>0</i>	<i>0</i>	<i>0</i>
<i>Coronavirus OC43</i>	<i>0</i>	<i>1</i>	<i>0</i>
<i>Enterovirus NOS</i>	<i>1</i>	<i>10</i>	<i>0</i>
<i>Enterovirus/Rhinovirus</i>	<i>0</i>	<i>12</i>	<i>188<sup>1</sup></i>
<i>Human Metapneumovirus</i>	<i>0</i>	<i>0</i>	<i>0</i>
<i>Parainfluenza 1 Virus</i>	<i>0</i>	<i>0</i>	<i>0</i>
<i>Parainfluenza 2 Virus</i>	<i>2</i>	<i>8</i>	<i>0</i>
<i>Parainfluenza 3 Virus</i>	<i>0</i>	<i>3</i>	<i>0</i>
<i>Parainfluenza 4 Virus</i>	<i>0</i>	<i>0</i>	<i>0</i>
<i>Rhinovirus</i>	<i>0</i>	<i>0</i>	<i>0</i>
<i>Respiratory Syncytial Virus</i>	<i>0</i>	<i>0</i>	<i>0</i>
<b>Total</b>	<b>3</b>	<b>34</b>	<b>188</b>

*<sup>1</sup>Some specimens were tested outside of ISDH Laboratory*

Data as of 12.17.14

